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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/754,998

DATE: 06/14/2001

TIME: 10:23:50

Input Set : N:\Crf3\RULE60\09754998.txt
 Output Set: N:\CRF3\06142001\I754998.raw

SEQUENCE LISTING

ENTERED

- 3 (1) GENERAL INFORMATION:
 - 5 (i) APPLICANT: Rinderknecht, Ernst H.
Zapata, Gerardo A.
 - 8 (ii) TITLE OF INVENTION: ANTIBODY PURIFICATION
 - 10 (iii) NUMBER OF SEQUENCES: 2
 - 12 (iv) CORRESPONDENCE ADDRESS:
 - 13 (A) ADDRESSEE: Genentech, Inc.
 - 14 (B) STREET: 460 Point San Bruno Blvd
 - 15 (C) CITY: South San Francisco
 - 16 (D) STATE: California
 - 17 (E) COUNTRY: USA.
 - 18 (F) ZIP: 94080
 - 20 (v) COMPUTER READABLE FORM:
 - 21 (A) MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 - 22 (B) COMPUTER: IBM PC compatible
 - 23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - 24 (D) SOFTWARE: patin (Genentech)

- 26 (vi) CURRENT APPLICATION DATA:
 - 27 (A) APPLICATION NUMBER: US/09/754,998
 - 28 (B) FILING DATE: 04-Jan-2001
 - 29 (C) CLASSIFICATION:

- 31 (vii) PRIOR APPLICATION DATA:
 - 32 (A) APPLICATION NUMBER: 08/811,757
 - 33 (B) FILING DATE:

- 35 (viii) ATTORNEY/AGENT INFORMATION:
 - 36 (A) NAME: Lee, Wendy M.
 - 37 (B) REGISTRATION NUMBER: 00,000
 - 38 (C) REFERENCE/DOCKET NUMBER: 941

- 40 (ix) TELECOMMUNICATION INFORMATION:
 - 41 (A) TELEPHONE: 415/225-1994
 - 42 (B) TELEFAX: 415/952-9881
 - 43 (C) TELEX: 910/371-7168

- 45 (2) INFORMATION FOR SEQ ID NO: 1:
 - 47 (i) SEQUENCE CHARACTERISTICS:
 - 48 (A) LENGTH: 214 amino acids
 - 49 (B) TYPE: amino acid
 - 50 (D) TOPOLOGY: linear

- 52 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Asp	Val	Gln	Met	Thr	Gln	Thr	Thr	Ser	Ser	Leu	Ser	Ala	Ser	Leu	
55	1				5				10					15	
57	Gly	Asp	Arg	Val	Thr	Ile	Asn	Cys	Arg	Ala	Ser	Gln	Asp	Ile	Asn
58						20			25					30	
60	Asn	Tyr	Leu	Asn	Trp	Tyr	Gln	Gln	Lys	Pro	Asn	Gly	Thr	Val	Lys
61						35			40					45	
63	Leu	Leu	Ile	Tyr	Tyr	Thr	Ser	Thr	Leu	His	Ser	Gly	Val	Pro	Ser
64						50			55					60	

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```

66 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile
67      65          70          75
69 Ser Asn Leu Asp Gln Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln
70      80          85          90
72 Gly Asn Thr Leu Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu
73      95          100         105
75 Ile Arg Arg Ala Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro
76      110         115         120
78 Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu
79      125         130         135
81 Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val
82      140         145         150
84 Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu
85      155         160         165
87 Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr
88      170         175         180
90 Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu
91      185         190         195
93 Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn
94      200         205         210
96 Arg Gly Glu Cys
97      214

```

99 (2) INFORMATION FOR SEQ ID NO: 2:

101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 232 amino acids
103 (B) TYPE: amino acid
104 (D) TOPOLOGY: linear

106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

```

108 Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly
109   1           5           10          15
111 Ala Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr
112      20          25          30
114 Glu Tyr Thr Met His Trp Met Lys Gln Ser His Gly Lys Ser Leu
115      35          40          45
117 Glu Trp Ile Gly Gly Phe Asn Pro Lys Asn Gly Gly Ser Ser His
118      50          55          60
120 Asn Gln Arg Phe Met Asp Lys Ala Thr Leu Ala Val Asp Lys Ser
121      65          70          75
123 Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Thr Ser Glu Asp
124      80          85          90
126 Ser Gly Ile Tyr Tyr Cys Ala Arg Trp Arg Gly Leu Asn Tyr Gly
127      95          100         105
129 Phe Asp Val Arg Tyr Phe Asp Val Trp Gly Ala Gly Thr Thr Val
130     110         115         120
132 Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu
133     125         130         135
135 Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly
136     140         145         150
138 Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp

```

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139	155	160	165
141	Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val		
142	170	175	180
144	Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val		
145	185	190	195
147	Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn		
148	200	205	210
150	His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys		
151	215	220	225
153	Ser Cys Asp Lys Thr His Thr		
154	230	232	

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/754,998

DATE: 06/14/2001

TIME: 10:23:51

Input Set : N:\Crf3\RULE60\09754998.txt

Output Set: N:\CRF3\06142001\I754998.raw

L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]